

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 9    | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and (schmidt or comparator) and "716"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 08:53 |
| L3    | 8    | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 same ((standar adj cell) or macro)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 08:55 |
| L4    | 31   | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 same ((standard adj cell) or macro)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 08:56 |
| L5    | 11   | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 same ((standard adj cell) or macro) same i/o  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 09:12 |
| L6    | 1    | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 same ((standard adj cell) or macro) same i/o same (function or performance)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 08:57 |
| L7    | 44   | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 same (i/o near3 (circuit\$2 or cell or device))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 09:13 |
| L8    | 9    | layout same ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) same metal\$3 same (i/o near3 (circuit\$2 or cell or device))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 11:52 |
| L10   | 2    | (schmidt adj trigger) and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 10:17 |
| L11   | 12   | layout same (i/o near3 (circuit\$2 or cell or block or device)) same (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/07 11:54 |

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|-----|-----|--|---|----|----|------------------|
| L12 | 30  | layout same ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) same (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:35 |
| L13 | 136 | layout same ((i/o or input/output interconnect\$3) near3 (circuit\$2 or cell or block or device)) same (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:07 |
| L14 | 136 | layout same ((i/o or input/output or interconnect\$3) near3 (circuit\$2 or cell or block or device)) same (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:07 |
| L16 | 145 | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) with (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:36 |
| L17 | 70  | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:37 |
| L18 | 2   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) same metal\$3 same (connect\$4 or interconnect\$4) same layout                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 12:41 |
| L19 | 19  | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) same (connect\$4 or interconnect\$4) same layout and metal\$3                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 15:39 |
| L20 | 5   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) same (schmidt adj trigger)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 15:51 |
| L21 | 5   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) with (\$2program\$5 or \$2configur\$5) same (schmidt adj trigger)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 15:52 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L22 | 180 | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) with (\$2program\$5 or \$2configur\$5) same ((schmidt adj trigger) or comparator)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 15:52 |
| L23 | 44  | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) with (schmidt or comparator)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 16:45 |
| L24 | 5   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) with schmidt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 15:53 |
| L25 | 5   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 (\$2program\$5 or \$2configur\$5) with schmidt   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 17:11 |
| L26 | 6   | ((i/o or input/output) near3 (circuit\$2 or cell or block or device)) near3 schmidt  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 16:47 |
| S1  | 986 | (block or (sub adj2 circuit) or subcircuit or cell) same layout and ((connect\$3 or interconnect\$3) with (program\$5 or config\$5)) and "716"/\$.ccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:19 |
| S2  | 1   | (block or (sub adj2 circuit) or subcircuit or cell) same layout and ((connect\$3 or interconnect\$3) with (program\$5 or config\$5)) and metall and "716"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:23 |
| S3  | 2   | "20050262461"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:20 |
| S4  | 3   | (block or (sub adj2 circuit) or subcircuit or cell) same layout and ((connect\$3 or interconnect\$3) same (program\$5 or config\$5)) and metall                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:25 |
| S5  | 3   | (block or (sub adj2 circuit) or subcircuit or cell) same layout and ((connect\$3 or interconnect\$3 or i/o) same (program\$5 or config\$5)) and metall             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:26 |

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|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S6  | 9     | (block or (sub adj2 circuit) or subcircuit or cell) and layout and ((connect\$3 or interconnect\$3 or i/o) same (program\$5 or config\$5)) and metall   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:39 |
| S7  | 10    | layout and ((connect\$3 or interconnect\$3 or i/o) same (program\$5 or config\$5)) and metall   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:41 |
| S8  | 72593 | layout and ((connect\$3 or interconnect\$3 or i/o) same (program\$5 or config\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:42 |
| S9  | 19827 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:43 |
| S10 | 999   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5)) and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:43 |
| S11 | 446   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5)) and metal\$3 and "716"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:43 |
| S12 | 1     | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5)) and metall and "716"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:44 |
| S13 | 159   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5)) and metal\$3 and i/o and layer and "716"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 14:49 |
| S14 | 157   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or config\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and "716"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:14 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S15 | 1   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and schmidt and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:22 |
| S16 | 115 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and (schmidt ot comparator or compar\$4) and "716"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:22 |
| S17 | 115 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and (schmidt or comparator or compar\$4) and "716"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:23 |
| S18 | 115 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and (schmidt or comparator or compar\$4) and (function or performance) and "716"/\$.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:24 |
| S19 | 1   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and ((schmidt or comparator or compar\$4) with trigger) and (function or performance) and "716"/\$.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:25 |
| S20 | 57  | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and ((schmidt or comparator or compar\$4) with (trigger or circuit or device)) and (function or performance) and "716"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:40 |
| S21 | 1   | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and schmidt and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:38 |



## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S22 | 3   | layout and ((connect\$3 or interconnect\$3 or i/o) same (program\$5 or configur\$5)) and metal\$3 and i/o and layer and schmidt and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:37 |
| S23 | 6   | layout and (program\$5 or configur\$5) and metal\$3 and i/o and layer and schmidt and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:38 |
| S24 | 142 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and schmidt  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:38 |
| S25 | 493 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and ((trigger or circuit or device) near3 (schmidt or compar\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:39 |
| S26 | 674 | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and ((trigger or circuit or device or function or perform\$4) near3 (schmidt or compar\$5))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:39 |
| S27 | 75  | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and ((schmidt or compar\$4) with (trigger or circuit or device or function or perform\$4)) and "716"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/06 15:41 |
| S28 | 46  | layout and ((connect\$3 or interconnect\$3 or i/o) near3 (program\$5 or configur\$5)) and metal\$3 and i/o and layer and (block or (sub adj2 circuit) or subcircuit or cell) and ((schmidt or compar\$4) near3 (trigger or circuit or device or function or perform\$4)) and "716"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/07 07:42 |